

Cathy Kurata

SWE
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OBJECTIVE:

Full-time position in a computer engineering-related field

Secret Clearance

EDUCATION:

Boston University, College of Engineering
M.S. in Computer Systems Engineering
GPA: 3.73/4.00

May 2006

Harvey Mudd College, Claremont, CA
B.S. in Applied Mathematics with a concentration in Economics
Dean's List (Spring 2003)

May 2003

Coursework:

Computer Communications and Networks, Digital Communication, Digital Signal Processing, Information Theory & Coding, Computer Organization, Logic Design, Electronics, Data Structures (in Java), Software Engineering, Real Analysis, Applied Numerical Methods, and Discrete Stochastic Models.

Special Skills and Accomplishments:

- Strong problem solving and analytical abilities
- Proficient in Matlab, Maple, Java, and LaTeX
- Skillful in Windows XP, Adobe Photoshop, Microsoft Word, Power Point, and Filemaker
- Passed the Fundamentals of Engineering Exam (Fall 2005)

WORK EXPERIENCE:

Raytheon, Marlborough, MA May 2006-present
Systems Engineer II - Projects include researching and applying of Markov Chains to software testing, cost cutting by simulating sensor placement for the Perimeter Intrusion Detection System (PIDS) project, and creating a work instruction for a critical parameter management system in the DOORS tool

Boston University, Boston, MA Jan 2005-Dec 2005
Computer Science Grader/Tutor - Tutor undergraduate students in Java
Introduction to Electronics Grader - Give students feedback on homework assignments

Independent, Porter Ranch, CA Jan 2004-Jan 2006
Private Tutor - Tutored advanced high school students in Mathematics

Harvey Mudd College, Claremont, CA Jun 2003-Aug 2003
Volunteer - Built a database using Filemaker for the Engineering Dept

Overture Services, Pasadena, CA Aug 2002-May 2003
Clinic Researcher - Worked in a team to evaluate and improve Internet search engine algorithms

ORGANIZATIONS:

Society of Women Engineers (SWE), Section Representative, Boston, MA
Institute of Electrical & Electronics Engineers, Inc. (IEEE), Boston, MA

REFERENCES:

References are available upon request.